

**NAD**

# **C420 Stereo Tuner**



- **RDS PS (Station name) and RT (Radio text) · 8 Character preset naming capability for AM & non-RDS stations · 30 Station random presets (AM or FM) · 12V trigger input**
- **Easy and straightforward to use · VFL display · MOS-FET RF Front End**
- **IR Sensor and NAD-Link for remote control capability**

The NAD Model C420 boasts a full measure of NAD performance combined with simple and intuitive operation, and offers it all at a new lower price point. Everything needed to get the best from today's radio broadcasts is included without the over-elaboration of "bells and whistles" so common on competing products.

## **Features**

With 30 presets available you can store all your favourite radio stations. These presets can be any combination of AM and FM stations: 25 presets for FM and 5 for AM, or 17 for FM and 13 for AM, for instance. To avoid having to scroll through 30 presets, the un-programmed (empty) ones are skipped to give you quick access to all your favourite stations.

Instead of littering the front panel with buttons and features that are hardly ever used, the NAD Model C420 concentrates on convenience in daily operation. The RDS limits itself to the RDS PS and RT functions, both of which enhance ease of operation. The RDS PS (Program Service) will automatically indicate the name of the radio station you are listening to in the display, e.g. "BBC R1", so you will always know exactly what station you are listening to. At the touch of a button RDS RT (Radio Text) will display additional information broadcast by the radio station, such as the presenter, which music is playing, etc.

For AM and non-RDS stations the C420 allows you to name each preset individually with up to 8 characters. Once you have named your presets you don't need to remember which frequency goes with what radio station, the name is indicated in the display every time the preset is recalled.

All the preset information is stored in the C420's non-volatile memory, which means it will remember all of its preset information even if the unit has been unplugged for a prolonged amount of time.

Thanks to the front panel IR sensor and NAD-Link the Model C420 can be remote controlled by one of NAD's system remote controls which come

supplied with other NAD equipment, or by one of the many available universal remote handsets and keypad systems.

Using the 12V trigger input, the C420 is easily switched On or to Stand-by from remote components. NAD's own C160 pre-amp, C350 and C370 integrated amplifier sport 12V trigger outputs, for instance. The inclusion of 12V triggers make the C420 an ideal choice for demanding, high quality Custom Install applications.

Apart from its ease-of-use, the NAD Model C420 also offers features to get the maximum out of the airwaves. Auto Search automatically stops at the next strong radio signal it comes across and optimises tuning. Weaker radio stations can be tuned into manually.

The MOS-FET RF Front End design together with high quality components and careful PCB layout guarantees excellent sensitivity with low intermodulation distortion to provide noise-free reception. Although AM can never reach the quality of any FM transmission, the Model C420's AM section retains excellent clarity together with lowest possible background noise.

Whether you are looking for excellent performance, ease of use or the convenience of RDS, the Model C420 offers all these with the low price / high performance ratio that NAD is so renowned for.

## PROVISIONAL SPECIFICATIONS - NAD Model C420

### FM Tuner Section

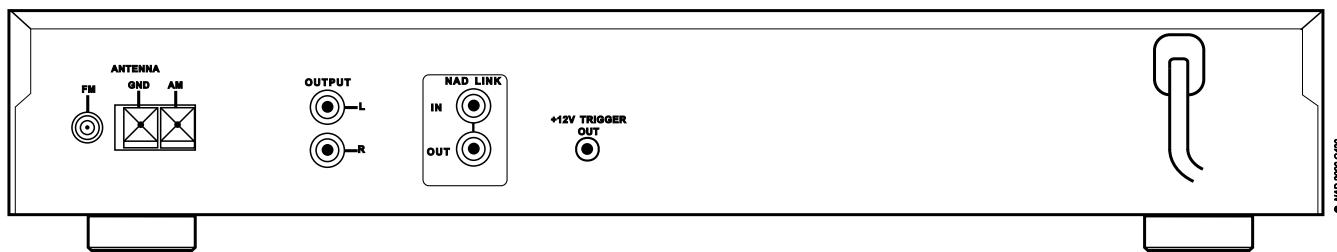
Usable input sensitivity	FM Mono	2.2 $\mu$ V, IHF
Quieting sensitivity 50dB	FM Stereo	16 $\mu$ V, IHF
Capture ratio (FM)	FM Mono	4 $\mu$ V
Image rejection	FM Stereo	28 $\mu$ V
Harmonic distortion		2.4dB
		>60dB
Channel separation	FM Mono	0.2%
Frequency response	FM Stereo	0.3%
		@1kHz >45dB
		+/- 1.5 dB 15Hz-15kHz

### AM Tuner Section

Usable sensitivity	24dB $\mu$ V
Selectivity	21dB
Image rejection	40dB
IF rejection	45dB
Signal/noise ratio	45dB

### Physical Specifications

Dimensions (W x H x D)	17 1/8 x 3 3/4 x 11 1/4" (435 x 70 x 285mm)
Net weight	8.8 lbs (4kg)
Shipping weight	10 lbs (4.5kg)



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